

WW	WW	FFFFFFFFF	RRRRRRR	EEEEEEEEE	AAAAAA	CCCCCCC	UU	UU	RRRRRRR
WW	WW	FFFFFFFFF	RRRRRRR	EEEEEEEEE	AA	AA	UU	UU	RRRRRRR
WW	WW	FF	RR RR	EE	AA	CC	UU	UU	RR RR
WW	WW	FF	RR RR	EE	AA	CC	UU	UU	RR RR
WW	WW	FF	RR RR	EE	AA	CC	UU	UU	RR RR
WW	WW	FF	RR RR	EE	AA	CC	UU	UU	RR RR
WW	WW	FFFFFFF	RRRRRRR	EEEEEEE	AA	AA	UU	UU	RRRRRRR
WW	WW	FFFFFFF	RRRRRRR	EEEEEEE	AA	AA	UU	UU	RRRRRRR
WW	WW	FF	RR RR	EE	AAAAAAA	CC	UU	UU	RR RR
WW	WW	FF	RR RR	EE	AAAAAAA	CC	UU	UU	RR RR
WWWW	WWWW	FF	RR RR	EE	AA	AA	UU	UU	RR RR
WWWW	WWWW	FF	RR RR	EE	AA	AA	UU	UU	RR RR
WW	WW	FF	RR RR	EEEEEEEEE	AA	AA	CCCCCCC	UU	RR RR
WW	WW	FF	RR RR	EEEEEEEEE	AA	AA	CCCCCCC	UU	RR RR

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SSSSSS
LL	II	SSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLLL	IIIIII	SSSSSSSS

```
1 0001 0 TITLE 'EDTSWFREACUR - read current line'  
2 0002 0 MODULE EDTSWFREACUR ( ! Read current line  
3 0003 0 IDENT = 'V04-000'  
4 0004 0 ) = ! File: WFREACUR.BLI Edit: JBS1004  
5 0005 1 BEGIN  
6 0006 1  
7 0007 1 *****  
8 0008 1 *  
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY  
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26 0026 1 *  
27 0027 1 *  
28 0028 1 *****  
29 0029 1 !  
30 0030 1  
31 0031 1 **  
32 0032 1 : FACILITY: EDT -- The DEC Standard Editor  
33 0033 1  
34 0034 1 : ABSTRACT:  
35 0035 1  
36 0036 1 : Read current line.  
37 0037 1  
38 0038 1 : ENVIRONMENT: Runs at any access mode - AST reentrant  
39 0039 1  
40 0040 1 : AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978  
41 0041 1  
42 0042 1 : MODIFIED BY:  
43 0043 1  
44 0044 1 : 1-001 - Original. DJS 23-Feb-1981. This module was created by  
45 0045 1 : extracting routine EDT$RD CURLN from module EDTWF.  
46 0046 1 : 1-002 - Regularized headers. JBS 25-Feb-1981  
47 0047 1 : 1-003 - regularize headers. JBS 19-Mar-1981  
48 0048 1 : 1-004 - Remove EDT$$$SET_WKLN. JBS 14-Sep-1982  
49 0049 1 :--  
50 0050 1
```

```
: 52      0051 1 %SBTTL 'Declarations'  
53      0052 1 !  
54      0053 1 ! TABLE OF CONTENTS:  
55      0054 1 !  
56      0055 1 !  
57      0056 1 REQUIRE 'EDTSRC:TRAROUNAM';  
58      0495 1  
59      0496 1 FORWARD ROUTINE  
60      0497 1     EDT$SRD_CURLN : NOVALUE;  
61      0498 1 !  
62      0499 1 !  
63      0500 1 ! INCLUDE FILES:  
64      0501 1 !  
65      0502 1 !  
66      0503 1 REQUIRE 'EDTSRC:EDTREQ';  
67      0638 1  
68      0639 1 !  
69      0640 1 ! MACROS:  
70      0641 1 !  
71      0642 1 !     NONE  
72      0643 1 !  
73      0644 1 ! EQUATED SYMBOLS:  
74      0645 1 !  
75      0646 1 !     NONE  
76      0647 1 !  
77      0648 1 ! OWN STORAGE:  
78      0649 1 !  
79      0650 1 !     NONE  
80      0651 1 !  
81      0652 1 ! EXTERNAL REFERENCES:  
82      0653 1 !  
83      0654 1 !     In the routine
```

```
; 85      0655 1 %SBTTL 'EDT$SRD_CURLN - read current line'  
; 86      0656 1  
; 87      0657 1 GLOBAL ROUTINE EDT$SRD_CURLN           ! Read current line  
; 88      0658 1 : NOVALUE =  
; 89      0659 1  
; 90      0660 1 ++  
; 91      0661 1 FUNCTIONAL DESCRIPTION:  
; 92      0662 1  
; 93      0663 1 Insure that the current line in the current buffer is accessible in  
; 94      0664 1 memory. Read the current bucket and update the EDTSSA_WK_LN pointer to the  
; 95      0665 1 current line in the bucket.  
; 96      0666 1  
; 97      0667 1 FORMAL PARAMETERS:  
; 98      0668 1  
; 99      0669 1     NONE  
100     0670 1  
101     0671 1 IMPLICIT INPUTS:  
102     0672 1  
103     0673 1     EDTSSA_CUR_BUF  
104     0674 1     EDTSSA_WK_BUK  
105     0675 1     EDTSSG_WK_CURBUK  
106     0676 1  
107     0677 1 IMPLICIT OUTPUTS:  
108     0678 1  
109     0679 1     EDTSSA_WK_LN  
110     0680 1  
111     0681 1 ROUTINE VALUE:  
112     0682 1  
113     0683 1     NONE  
114     0684 1  
115     0685 1 SIDE EFFECTS:  
116     0686 1  
117     0687 1     NONE  
118     0688 1  
119     0689 1 --  
120     0690 1  
121     0691 2 BEGIN  
122     0692 2  
123     0693 2 EXTERNAL ROUTINE  
124     0694 2     EDT$WF_MAKECUR : NOVALUE,  
125     0695 2     EDT$SRD_NXTLN;  
126     0696 2  
127     0697 2 EXTERNAL  
128     0698 2     EDTSSA_CUR_BUF : REF TBCB_BLOCK,           ! Current text buffer control block  
129     0699 2     EDTSSA_WK_BUK :                   ! Pointer to current bucket  
130     0700 2     REF BLOCK [WF_BUXT_SIZE, BYTE] FIELD (WFB_FIELDS),  
131     0701 2     EDTSSG_WK_CURBUK,                 ! Number of the current bucket  
132     0702 2     EDTSSA_WK_LN : REF LIN_BLOCK;        ! Pointer to the work line  
133     0703 2  
134     0704 2 ++  
135     0705 2     Get the current bucket.  
136     0706 2 --  
137     0707 2  
138     0708 2 IF (.EDTSSG_WK_CURBUK NEQ .EDTSSA_CUR_BUF [TBCB_CUR_BUXT])  
139     0709 2 THEN  
140     0710 2     EDT$WF_MAKECUR (.EDTSSA_CUR_BUF [TBCB_CUR_BUXT]);  
141     0711 2
```

```

142 0712 2 !+
143 0713 2 ! And update line point to point to the current line.
144 0714 2 !-
145 0715 2
146 0716 2 IF (.EDTSSA_CUR_BUF [TBCB_LINE_ADDR] EQL .EDTSSA_WK_BUK [WFB_END])
147 0717 2 THEN EDTSSRD_NXTLN ()
148 0718 2 ELSE EDTSSA_WK_LN = CHSPTR (.EDTSSA_WK_BUK, .EDTSSA_CUR_BUF [TBCB_LINE_ADDR]);
149 0719 2
150 0720 2
151 0721 2
152 0722 1 END: ! of routine EDTSSRD_CURLN

```

```
.TITLE EDTSWFREACUR EDTSWFREACUR - read current line
.IDENT \V04-000\
```

```
.EXTRN EDTSSWF_MAKECUR
.EXTRN EDTSSRD_NXTLN, EDTSSA_CUR_BUF
.EXTRN EDTSSA_WK_BUK, EDTSSG_WK_CURBUK
.EXTRN EDTSSA_WK_LN
```

```
.PSECT _EDTSCODE,NOWRT, SHR, PIC,2
```

00000000G 00 04 A0	00000000G 00 04 A2	00000000G 00 00 A2	00000000G 00 52	54 00000000G 10	00 9E 00002	.ENTRY EDTSSRD_CURLN, Save R2,R3,R4	0657
				50	64 00 00009	MOVAB EDTSSA_CUR_BUF, R4	0708
					00 ED 0000C	MOVL EDTSSA_CUR_BUF, R0	
					0B 13 00016	CMPZV #0, #18, 47R0), EDTSSG_WK_CURBUK	
						BEQL 1\$	
					7E 04 A0 3C 00018	MOVZWL 4(R0), -(SP)	0710
					00 01 FB 0001C	CALLS #1, EDTSSWF_MAKECUR	
					53 64 00 00023	MOVL EDTSSA_CUR_BUF, R3	0716
					52 00000000G 00 63 D1 0002D	MOVL EDTSSA_WK_BUK, R2	
					04 A2 63 D1 0002D	CMPL (R3), 4(R2)	
	08 12 00031	BNEQ 2\$					
	00 FB 00033	CALLS #0, EDTSSRD_NXTLN	0718				
	04 0003A	RET					
	63 C1 0003B 28: 04 00043	ADDL3 (R3), R2, EDTSSA_WK_LN	0720				
		RET	0722				

; Routine Size: 68 bytes. Routine Base: _EDTSCODE + 0000

; 153 0723 1 !<BLF/PAGE>
; 154 0724 1 !<BLF/PAGE>

EDTSWFREACUR - read current line
V04-000
EDTSSRD_CURLN - read current line
:
: 156 0725 1 END
:
: 157 0726 1
:
: 158 0727 0 ELUDOM

C 12
16-Sep-1984 02:10:48 VAX-11 Bliss-32 v4.0-742 Page 5
14-Sep-1984 12:25:39 DISK\$VMSMASTER:[EDIT.SRC]WFREACUR.BLI:1 (4)

! of module EDTSWFREACUR

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	68	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	38	10	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:WFREACUR/OBJ=OBJ\$:WFREACUR MSRC\$:WFREACUR.BLI/UPDATE=(ENH\$:WFREACUR)

```
Size: 68 code * 0 data bytes
Run Time: 00:10.2
Elapsed Time: 00:13.7
Lines/CPU Min: 4268
Lexemes/CPU-Min: 12428
Memory Used: 66 pages
Compilation Complete
```

0141 AH-BT13A-SE
VAX/VMS V4.0

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WFCLPLIN
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LIS

WFREABCK
LIS

WFREAFWD
LIS

WFSTRINGS
LIS

WFAPPBKT
LIS

WFUSSLIN
LIS

WFREASSL
LIS

UGBUFFER
LIS

WFCLEAR
LIS

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LIS

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LIS

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LIS

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